CLAIMS

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1. A method for coupling a selective call transceiver to a widely distributed information source, comprising the steps of:

operatively coupling a server to the widely distributed information source, wherein the server contains agents for retrieving information customized for a given selective call transceiver;

originating a request for information at the selective call transceiver to the server via a communication terminal operatively coupled to the server; and

retrieving the information from the widely distributed information source using the agents in the server.

2. The method of claim 1, wherein the method further comprises the step of transmitting the retrieved information to the selective call transceiver.

3. The method claim 1, wherein the method further comprises the step of obtaining location information for the selective call transceiver by receiving transmissions from the selective call transceiver at at least one of a plurality of base receivers and providing the location information to the agents to further customize the predetermined information being retrieved.

4. The method of claim 1, wherein the method further comprises the step of dynamically parsing the retrieved information in a format configured for a particular selective call transceiver user.

5. The method of claim 1, wherein the method further allows the selective call transceiver to direct the retrieved information to a second communication device, wherein the second communication device is selected from the group consisting of a facsimile machine, a computer having an electronic mail account, a pager, and a cellular phone.

6. The method of claim 1, wherein the method further comprises the step of keeping a state machine of the transceiver user requests allowing the agent to respond to commands in a context sensitive manner.

7. Method for coupling between a selective call transceiver to a widely distributed information source, comprising the steps of:

dynamically changing protocol entities in a synchronized manner within the selective call transceiver;

receiving the entities at a dedicated server that distributes agents on the selective call transceiver's behalf to find information on the widely distributed information source; and

modifying a protocol between the dedicated server and the agent to optimize the cost of communication over the air.

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8. A communication system for coupling a selective call transceiver to a widely distributed information source, comprises:

a server coupled to the widely distributed information source, wherein the server contains agents for retrieving predetermined information customized for a given selective call transceiver;

a paging terminal coupled to the server for allowing the selective call transceiver to request for predetermined information from the server; and

a transmitter for transmitting the predetermined information retrieved from the widely distributed information source to the selective call transceiver.

9. A communication system for seamless coupling between a selective call transceiver and a widely distributed information source, comprises:

a selective call transceiver that dynamically changes protocol entities in a synchronized manner; and

a selective call terminal coupled to a dedicated server for receiving the protocol entities, wherein the dedicated server distributes agents on the selective call transceiver's behalf to find information on the widely distributed information source.

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10. A selective call transceiver capable of requesting information from a widely distributed information source coupled to a server, comprises;

a selective call receiver coupled to a decoder and a controller;

a selective call transmitter coupled to the controller and an encoder;

a memory coupled to the controller capable of dynamically changing protocol entity definitions in a synchronized manner with the server, wherein the server distributes agents on the selective call transceiver's behalf for retrieving information from the widely distributed information source for transmission back to the selective call transceiver.

11. A server for retrieving user selected information from a widely distributed information source using a selective call transceiver in a communication system for requesting information wirelessly from the server, the server comprising:

a memory location for mapping user selectable inputs from the selective call transceiver and inputs from the communication system with tokens;

a translator for translating the tokens at the server into retrieval commands for retrieving information from the widely distributed information source; and

a formatter for formatting the retrieved information in a format suitable for reception at a device selected by a user of the selective call transceiver.

12. The server of claim 11, wherein the selective call transceiver is a two-way pager and the communication system is a non-real time store and forward paging system.

13. The server of claim 11, wherein the user selectable inputs include information content preferences and cost preferences.

14. The server of claim 11, wherein the inputs from the communication system includes selective call receiver location information.

15. A method for retrieving user selected information from a widely distributed information source using a selective call transceiver in a communication system, comprising the steps of:

mapping user selectable inputs from the selective call transceiver and inputs from the communication system with tokens at a remote server in communication with the selective call transceiver; and

translating the tokens at the remote server into retrieval commands for retrieving information from the widely distributed information source.

16. The method of claim 15, wherein the step further comprises the step of retrieving the information from the widely distributed information source and formatting the information in a format suitable for reception at the selective call receiver.

17. The method of claim 15, wherein the step further comprises the step of retrieving the information from the widely distributed information source and formatting the information in a format suitable for reception at a device selected by user of the selective call transceiver.